

# Project Audit

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Project:  
**CroCat Coin**

April 5, 2022



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# Overview

This audit has been prepared for **CroCat Coin** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point:

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

|               |  |
|---------------|--|
| Contract Name | CROCATCOIN                                 |
| Ticker        | CROCAT                                     |
| Contract      | 0x06Cd480179e3725AEd98a6E26fE4362954e67961 |
| Network       | Cronos                                     |
| Language      | Solidity                                   |
| Tax           | <b>Buy: 7%</b><br><b>Sell: 8%</b>          |
| Total Supply  | 1,000,000,000                              |
| Status        | Not launched yet                           |

## Current stats

|             |  |
|-------------|--|
| Burn        | 20% of total supply                        |
| LP Address  | 0x1772Fea046402dAD0Dd40b88599A60CF5b1fC009 |
| Liquidity   | 84,549 CRO                                 |
| MaxTxAmount | 10,000,000                                 |

| Issues Checking Status   |          |
|--|----------|
| Design Logic   | Passed ✓ |
| Compiler warnings.   | Passed ✓ |
| Private user data leaks  | Passed ✓ |
| Timestamp dependence   | Passed ✓ |
| Integer Overflow and Underflow                                 | Passed ✓ |
| Race conditions and Reentrancy. Cross-function race conditions | Passed ✓ |
| Possible delays in data delivery                               | Passed ✓ |
| Oracle calls   | Passed ✓ |
| Front running  | Passed ✓ |
| DoS with Revert  | Passed ✓ |
| DoS with block gas limit                                       | Passed ✓ |
| Methods execution permissions                                  | Passed ✓ |
| Economy model  | Passed ✓ |
| The impact of the exchange rate on the logic                   | Passed ✓ |
| Malicious Event log  | Passed ✓ |
| Scoping and Declarations                                       | Passed ✓ |
| Uninitialized storage pointers                                 | Passed ✓ |
| Arithmetic accuracy  | Passed ✓ |
| Cross-function race conditions                                 | Passed ✓ |
| Safe Zeppelin module   | Passed ✓ |
| Fallback function security                                     | Passed ✓ |

## Featured Wallets

|                  |  |
|------------------|--|
| Owner address    | 0x82C834486E5203ffA3d02c4f024378dfb3890c6F |
| LP token address | 0x1772Fea046402dAD0Dd40b88599A60CF5b1fC009 |

## Top 3 Unlocked Wallets

|                  |   |
|------------------|---|
| Wallet 1 (0.99%) | 0xc5b7dcbbc10329ee60df6097b7938a1fc44c8ee50 |
| Wallet 2 (0.99%) | 0x8a6171b6cd86d7ca14988193f149460c3b375fe4  |
| Wallet 3 (0.99%) | 0x282e7a34bccafe80f9aef20435b52b6e7136816f  |



# Security Threats

## ! Owner can change taxes up to 100%

```
function setFees(uint256 _liquidityFee, uint256 _teamFee,
uint256 _marketingFee, uint256 _feeDenominator) external authorized {
    liquidityFee = _liquidityFee;
    teamFee = _teamFee;
    marketingFee = _marketingFee;
    totalFee = _liquidityFee.add(_teamFee).add(_marketingFee);
    feeDenominator = _feeDenominator;
}
```

## Owner can change max transaction limit, but can't lower it than 0.1% of total supply

```
function setTxLimit(uint256 amount) external authorized {
    require(amount >= _totalSupply / 1000);
    _maxTxAmount = amount;
}
```

# Tokenomics

## Current state

LP pair hold 6.59% of total supply.

⚠ Top 10 holders hold 10% of total supply. If they sell simultaneously or in short intervals of time, this will lead to significant liquidity drain and negative price change respectively.



# CroCat Coin Project & Team Review

According to their whitepaper,  
development plan for the CroCat Coin project will be as follows:

- CroCat swap
- New pair tracker
- Rug checker
- NFTs

## **Team:**

KYC by SpyWolf

# Website Analysis

URL: <https://crocatcoin.finance/>

- **Design:** Nice design and color scheme, single page.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** Well written and explanatory.
- **Roadmap:** Goals set at 4 phases without time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



# Social Media & Online Presence



## Telegram

<https://t.me/CrocatCoinOfficial>

- 1 968 members
- Very active members
- Very active mods



## Twitter

[https://twitter.com/Crocat\\_CRO](https://twitter.com/Crocat_CRO)

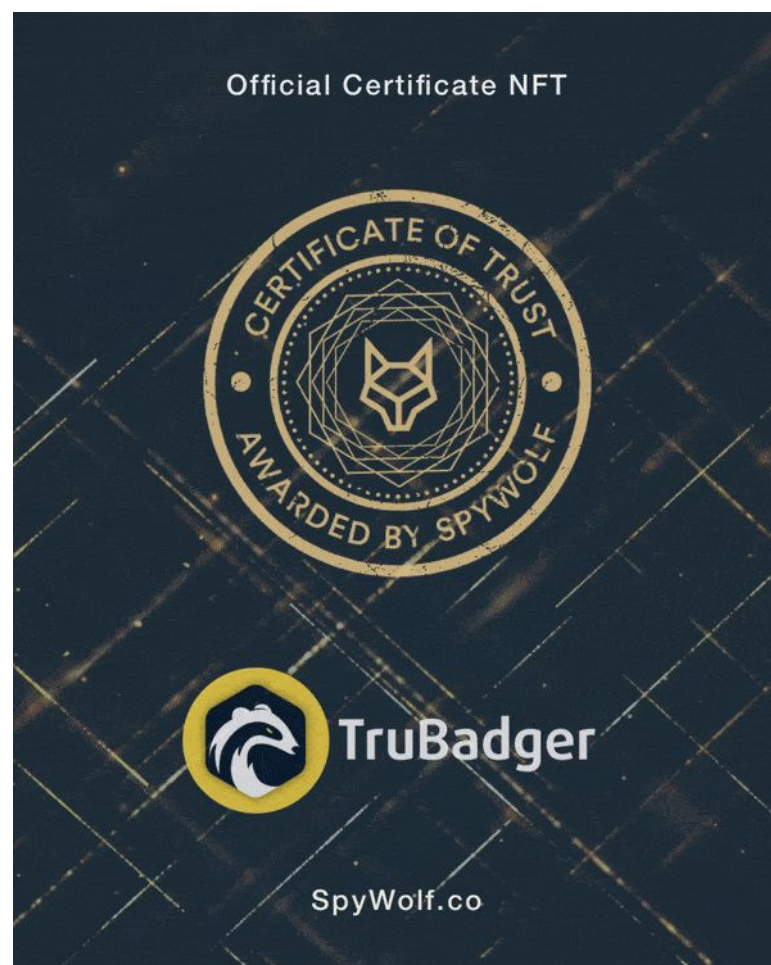
- 482 Followers
- Very active



# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.